

2014-2015 Proposed Lake Level Management

Goal: lower the water level to a target of 2.0 to 2.5 feet below pool stage (14-13.5 feet False River gage datum/12.8-12.3 ft NAVD 88) to mimic the low levels experienced during the 2000 drought

Duration: beginning September 2nd, 2014 and ending no later than March 1st, 2015

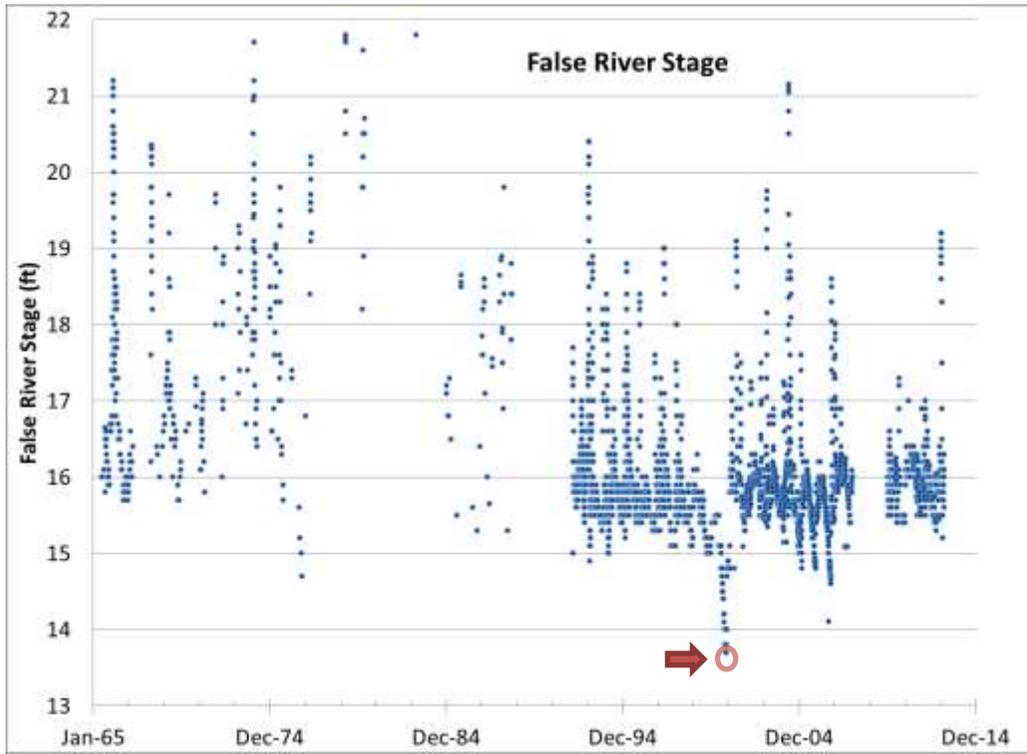
Rate: target drawdown rate of 1.5 inches per day

Benefit for the lake and project:

- Improves water quality
 - dewateres and oxidizes shallow sediments
 - reduces sediment resuspension
 - improves aquatic vegetation growth and increases aquatic habitat
 - improves fisheries
 - facilitates construction of island containment berm
 - hardens the containment berm exposed to waves
 - reduces the construction cost of the island (increases the amount of sediment dredged)
 - facilitate pier, bulkhead and shoreline maintenance
 - reduces lake level during the peak of the hurricane season



False River during the 2000 drought (courtesy of Jim Bello).
False River Stage (False River gage datum)



False River Annual Hydrograph (False River gage datum)

